

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1 | 4 | ((("6141462") or ("5581667") or ("6549303") or ("6834124")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 08:54 |
| L2 | 141475 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form\$3 or formation)) or overprint\$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:06 |
| L3 | 522 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with L2 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:07 |
| L4 | 1551 | (382/167).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 09:07 |
| L5 | 1242 | (382/274).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/01 09:08 |
| L6 | 6 | L3 and L4 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:08 |
| L7 | 2 | L3 and L5 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:08 |
| L8 | 141475 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form\$3 or formation)) or overprint\$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 same ((pipe\$1lin\$3 parallel) near2 (process\$3 comput\$3 render\$3)) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| L9 | 7171 | L8 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| L10 | 383 | L9 and trap\$4 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| L11 | 297 | L10 and (@ad<"20031120") | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| L12 | 219 | L11 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |

EAST Search History

| | | | | | | |
|-----|--------|---|--------------------|----|-----|------------------|
| L13 | 118 | L11 and "382".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:14 |
| L14 | 106 | L8 same ((pipe\$1lin\$3 parallel) near2 (process\$3 comput\$3 render\$3)) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:16 |
| L15 | 29 | L14 and ("358".clas. or "382".clas.) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:21 |
| L16 | 22 | L14 and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:25 |
| L17 | 102 | L14 and (trap\$4 or overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:25 |
| L18 | 33 | L14 and (trap\$4 or overlap\$4 or superimpos\$4 or superposition\$3) same (print\$3) | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:28 |
| L22 | 1 | (US-5848224-\$).did. | USPAT | OR | ON | 2007/06/01 09:40 |
| L24 | 2 | (US-5581667-\$ or US-6141462-\$).did. | USPAT | OR | ON | 2007/06/01 09:34 |
| L25 | 1 | L22 and (pipelin\$3) | USPAT | OR | ON | 2007/06/01 09:40 |
| S1 | 107 | ((Yigal near1 Accad) (Richard near1 Falk) (Mark near1 Kelley)).in. | US-PGPUB; USPAT | OR | ON | 2007/05/30 16:37 |
| S2 | 225 | (electronics near2 imaging).as. | US-PGPUB; USPAT | OR | ON | 2007/05/30 16:38 |
| S3 | 1 | (S1 S2) and (trap\$4 and colorant).clm. | US-PGPUB; USPAT | OR | ON | 2007/05/31 12:11 |
| S4 | 2 | (S1 S2) and (trap\$4).clm. | US-PGPUB; USPAT | OR | ON | 2007/05/30 16:41 |
| S5 | 141256 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form\$3 or formation)) or overprint\$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/30 17:09 |
| S7 | 5012 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/30 17:10 |
| S8 | 7 | ("20010033686" "20020051156" "20030053159" "20030090689" "4725966" "6549303" "6556313").PN. | US-PGPUB; USPAT | OR | ON | 2007/05/31 12:25 |

EAST Search History

| | | | | | | |
|-----|--------|---|------------------------------|----|-----|------------------|
| S9 | 141475 | (overlap\$4 or overlay\$3 or overlaid or cover\$3 adj0 (up or over) or superimpos\$4 or superposition\$3 or interfer\$4 or trap\$4 or mask\$3) near7 ((image or picture or document or original or shape or object or subject or figure or color or colour or component or layer or ink or toner) near3 (print\$3 or record\$3 or reproduc\$4 or render\$3 or copy\$3 or form\$3 or formation)) or overprint\$3 or over adj0 print\$3 or (knockout or knock adj0 out) adj0 print\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/01 09:09 |
| S10 | 3 | ("2002/0051156").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S11 | 2 | ("2003/0090689").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S12 | 0 | ("2003/0053159").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S13 | 2 | ("2001/0033686").URPN. | USPAT | OR | ON | 2007/05/31 12:29 |
| S14 | 14 | ("4583116" "5477335" "5500746" "5737003" "5760815" "5764388" "5774156" "5907414" "6345117").PN. OR ("6556313").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:29 |
| S15 | 10 | ("5542052" "5581667" "5619242" "6031544" "6345117" "6377711").PN. OR ("6549303").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:29 |
| S16 | 23 | ("3996421" "4389677" "4517607" "4555801" "4583116" "4586089" "4599656" "4617592").PN. OR ("4725966").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 15:48 |
| S17 | 20 | ("20030063301" "20030090689" "4583116" "4626902" "4725966" "4931861" "5113249" "5295236" "5386483" "5542052" "5613046" "5668931" "5686998" "6141462" "6341020" "6345117" "6377711" "6549303" "6654145").PN. OR ("6795214").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/31 12:37 |
| S18 | 742 | (358/3.26).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:48 |
| S19 | 2176 | (358/518).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:48 |
| S20 | 171 | S9 and S18 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:49 |
| S21 | 450 | S9 and S19 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:49 |
| S22 | 5028 | (358/1.9).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 15:49 |
| S23 | 1042 | S9 and S22 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:50 |

EAST Search History

| | | | | | | |
|-----|-------|--|--------------------|----|----|------------------|
| S24 | 67991 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:56 |
| S25 | 522 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with S9 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:48 |
| S26 | 50 | (neighbor\$3 or "near\$3" or adjoin\$3 or surround\$3 or border\$3 or (close adj1 together) or nearby or around or (clos\$3 adj1 by) adjacent) near4 (pixel or (picture adj1 element) or pel or (imag\$3 adj1 data) or dot or (imag\$3 adj1 element)) with (trap\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/31 16:08 |
| S27 | 12 | S25 and S18 | US-PGPUB; USPAT | OR | ON | 2007/05/31 15:57 |
| S28 | 16 | S25 and S19 | US-PGPUB; USPAT | OR | ON | 2007/05/31 16:00 |
| S29 | 26 | S25 and S22 | US-PGPUB; USPAT | OR | ON | 2007/05/31 16:04 |
| S30 | 1 | (US-20050219631-\$).did. | US-PGPUB | OR | ON | 2007/05/31 16:29 |
| S31 | 1 | S30 and ((surrounding adj1 pixel) with (circular elliptical\$3)) | US-PGPUB | OR | ON | 2007/05/31 16:29 |
| S32 | 1 | S30 and ((pixel) with (circular elliptical\$3)) | US-PGPUB | OR | ON | 2007/05/31 16:30 |
| S33 | 1 | S30 and ((circular elliptical\$3)) | US-PGPUB | OR | ON | 2007/05/31 16:53 |
| S34 | 32098 | (circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S35 | 4081 | (elliptical\$3 or elliptic or (egg\$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S36 | 2910 | (circular or round or rounded or circle) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:59 |
| S37 | 350 | (elliptical\$3 or elliptic or (egg\$1shap\$3) or oval) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:59 |
| S38 | 148 | S36 and S37 | US-PGPUB | OR | ON | 2007/05/31 16:57 |
| S39 | 64 | (circular and elliptic\$6) near5 (window or kernel or block or area or neighbor\$3 or neighborhood or mask) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 16:58 |

EAST Search History

| | | | | | | |
|-----|------|---|-----------------|----|----|------------------|
| S40 | 1995 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 17:04 |
| S41 | 219 | (elliptical\$3 or elliptic or (egg\$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and (trap\$4) | US-PGPUB | OR | ON | 2007/05/31 17:03 |
| S42 | 66 | S40 and S41 | US-PGPUB | OR | ON | 2007/05/31 17:00 |
| S43 | 2 | (elliptical\$3 or elliptic or (egg\$1shap\$3) or oval) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S25 | US-PGPUB | OR | ON | 2007/05/31 17:04 |
| S44 | 8 | (circular or round or rounded or circle) near3 (window or kernel or block or area or neighbor\$3 or neighborhood) and S25 | US-PGPUB | OR | ON | 2007/05/31 17:06 |
| S45 | 53 | (trap\$4) with (window or kernel or block or area or neighbor\$3 or neighborhood) with (circular round elliptic\$5 oval) | US-PGPUB | OR | ON | 2007/05/31 17:07 |
| S46 | 21 | (US-20050219631-\$ or US-20030090689-\$ or US-20030053159-\$ or US-20020051156-\$ or US-20010033686-\$ or US-20030128377-\$ or US-20010055130-\$ or US-20030063302-\$ or US-20030011796-\$).did. or (US-6556313-\$ or US-6549303-\$ or US-6844942-\$ or US-6813042-\$ or US-6795214-\$ or US-6654145-\$ or US-7116821-\$ or US-6345117-\$ or US-6970271-\$ or US-6377711-\$ or US-6992798-\$ or US-5542052-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S47 | 5 | S46 and (colorant) | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S48 | 1 | S46 and (colorant) and (circular) | US-PGPUB; USPAT | OR | ON | 2007/05/31 17:16 |
| S49 | 14 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and S25 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:49 |
| S50 | 9989 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:50 |
| S51 | 15 | (pipe\$1lin\$3 (parallel adj1 process\$3)) and (trap\$4) and (358/1.9).ccls. | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:51 |
| S52 | 0 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same S25 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:51 |
| S53 | 2 | (pipe\$1lin\$3 (parallel adj1 process\$3)) same ((color print\$3) with (trap\$4)) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:53 |
| S54 | 87 | ((pipe\$1lin\$3 parallel) near2 process\$3) same S9 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |
| S55 | 1 | ((pipe\$1lin\$3 parallel) near2 process\$3) and S46 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |

EAST Search History

| | | | | | | |
|-----|-----|--|--------------------|----|-----|------------------|
| S56 | 351 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:56 |
| S57 | 105 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:57 |
| S58 | 4 | ((pipe\$1lin\$3 parallel) near2 process\$3) same (trap\$4) and print\$3 and "358".clas. | US-PGPUB; USPAT | OR | ON | 2007/05/31 20:57 |
| S59 | 13 | ("6377711") or ("20010055130") or ("6795214") or ("20030128377") or ("20030063302") or ("20030063302") or ("6345117") or ("20030011796") or ("5542052") or ("6884942") or ("6813042") or ("6654145") or ("6970271") or ("7116821").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/31 21:21 |